

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[y\[1\] w\[*\] P{w\[+mC\]=GAL4-Act5C\(FRT.CD2\).P}D](#)

RRID:BDSC_4779

Type: Organism

Proper Citation

RRID:BDSC_4779

Organism Information

URL: <https://n2t.net/bdsc:4779>

Proper Citation: RRID:BDSC_4779

Description: Drosophila melanogaster with name y[1] w[*] P{w[+mC]=GAL4-Act5C(FRT.CD2).P}D from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Bruce Edgar, Fred Hutchinson Cancer Center; Donor's Source: Larry Zipursky, University of California, Los Angeles

Affected Gene: Act5C, FRT, GAL4, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 4779

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4779, BL4779

Organism Name: y[1] w[*] P{w[+mC]=GAL4-Act5C(FRT.CD2).P}D

Record Creation Time: 20240911T222146+0000

Record Last Update: 20260829T185517+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*] P{w[+mC]=GAL4-Act5C(FRT.CD2).P}D.

No alerts have been found for y[1] w[*] P{w[+mC]=GAL4-Act5C(FRT.CD2).P}D.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Elkahlah N, et al. (2025) Hierarchical diversification of instinctual behavior neurons by lineage, birth order, and sex. bioRxiv : the preprint server for biology.

Jacobs T, et al. (2025) Rho/Rok-dependent regulation of actomyosin contractility at tricellular junctions restricts epithelial permeability in Drosophila. Current biology : CB, 35(6), 1181.

Landis GN, et al. (2024) Conditional Inhibition of Eip75B Eliminates the Effects of Mating and Mifepristone on Lifespan in Female Drosophila. Cells, 13(13).

Paul PK, et al. (2024) Maintenance of proteostasis by Drosophila Rer1 is essential for competitive cell survival and Myc-driven overgrowth. PLoS genetics, 20(2), e1011171.

Marshall ZD, et al. (2022) The Role of Even-Skipped in Drosophila Larval Somatosensory Circuit Assembly. eNeuro, 9(1).

Kodra A, et al. (2020) Widely Used Mutants of eiger, Encoding the Drosophila Tumor Necrosis Factor, Carry Additional Mutations in the NimrodC1 Phagocytosis Receptor. G3 (Bethesda, Md.), 10(12), 4707.

Babski H, et al. (2019) A GABAergic Maf-expressing interneuron subset regulates the speed of locomotion in Drosophila. Nature communications, 10(1), 4796.

Chaudhary V, et al. (2019) Robust Wnt signaling is maintained by a Wg protein gradient and Fz2 receptor activity in the developing Drosophila wing. Development (Cambridge, England), 146(15).

Mezzofanti E, et al. (2019) Vps28 Is Involved in the Intracellular Trafficking of Awd, the Drosophila Homolog of NME1/2. Frontiers in physiology, 10, 983.

Wreden CC, et al. (2017) Temporal Cohorts of Lineage-Related Neurons Perform Analogous Functions in Distinct Sensorimotor Circuits. Current biology : CB, 27(10), 1521.